

REMARKS

Upon entry of the foregoing amendment, Claims 9-12 are pending in this application. The Examiner objected to the specification for some informalities, rejected Claim 3 under 35 U.S.C. § 112, second paragraph, and rejected Claims 1-7 under 35 U.S.C. § 103(a). Claim 8 was cancelled in the previous amendment, and Claims 1-7 have been cancelled and new Claims 9-12 have been added in the foregoing amendment.

Objection to Specification

The Examiner objected to the specification because the abstract did not include an explanation of certain abbreviations. The Applicants herewith submit a replacement abstract in which the abbreviations are explained. The replacement abstract submitted herewith includes no new matter.

Claim Rejections under 35 U.S.C. §112, Second Paragraph

The Examiner rejected Claim 3 for insufficient antecedent basis. This rejection is now moot upon cancellation of Claim 3.

Hiroya and Geiger Do Not Teach or Suggest the Inventions of Claims 9-12

The Examiner rejected Claims 1-7 under 35 U.S.C. § 103(a) as unpatentable over U.S. Patent No. 5,754,654 to Hiroya et al. ("*Hiroya*") in view of U.S. Patent No. 6,463,534 to Geiger et al. ("*Geiger*"). Claims 1-7 have been cancelled and new Claims 9-12 have been added. The cited references do not teach or suggest the invention of Claims 9-12.

Claim 9

The service providing system as defined in Claim 9 requires, among other elements, the portable terminal having a first display area which displays the requested information sent by the information providing server and a second display area which displays the authentication information.

According to the invention as defined in Claim 9, when a user of the portable terminal purchases a product or service using the portable terminal from an authorized information providing server, the product or service information (e.g. ticket information) and the authentication information are sent to the portable terminal and displayed respectively on the first and second display areas. If the ticket information is sent by an unauthorized information providing server, no authentication information is displayed on the second display area thereby showing that the ticket is invalid.

The claimed invention determines whether the information providing server is authorized by examining address information associated with the information providing server and a tag provided by the information providing server. In particular the authentication server determines whether the information providing server is authorized by comparing the address information and tag to information stored in a database associated with the authentication server.

In contrast, *Hiroya* discloses an electronic ticket vending system comprising an electronic ticket vending and refunding device 1 as a server, terminal device 3, and an electronic ticket storage device 2. In *Hiroya*, a purchaser of a ticket brings an electronic ticket storage device 2 such as an IC card to a terminal 3 to purchase a ticket and the purchaser of the ticket then retains the electronic ticket storage device 2. The ticket storage device 2 of *Hiroya* does not have a display. *Hiroya* teaches away from the claimed invention, because *Hiroya* requires a separate terminal to enable a user to purchase a ticket and a separate terminal for confirming the information stored in the electronic ticket storage device 2 (see Column 10, lines 23-28).

The Examiner contended that *Geiger* discloses a mobile phone client with a display allowing content such as electronic airline tickets to be purchased and displayed wirelessly, as well as authorization and validation of such purchases. However, the specified section of *Geiger* does not disclose displaying authentication information on the wireless device 450.

Hiroya describes that the ticket publisher attaches an electronic signature to the ticket information data. The electronic signature uses an asymmetrical encryption algorithm that

uses a secret key and a public key. (Column 15, lines 38-62). *Geiger* also describes a public/private key encryption scheme for authentication. (Column 10, line 8-Column 11, line 42). In contrast, the claimed invention authenticates information, such as ticket information, by authenticating the information providing server using its address.

As discussed above, neither *Hiroya* nor *Geiger* discloses a portable terminal having a first display area which displays the requested information sent by the information providing server and a second display area which displays the authentication information, as required by Claim 9. In addition, neither of the references describe the use of address information to authenticate the information providing server. Accordingly, Claim 9 would not have been obvious to one of ordinary skill from the cited references at the time the Applicant made the claimed invention. Accordingly, Claim 9 should be allowed.

Claim 11

The service providing method as defined in Claim 11 requires, among other elements, the portable terminal displaying the requested information on a first display area and the authentication information on a second display area and the authentication server determining whether the address information and tag information match information stored in the authentication server.

For similar reasons as discussed above in relation with Claim 9, the invention as defined in Claim 11 would not have been obvious to one of ordinary skill from the cited references at the time the Applicant made the claimed invention. Accordingly, Claim 11 should also be allowed.

Claims 10 and 12

Claims 10 and 12 depend from independent Claims 9 and 11 respectively. The remarks made above in support of the independent claims are equally applicable to distinguish the dependent claims from the cited references.

Appln. No. Serial No. 09/575,290

Amdt. Dated 07/29/2004

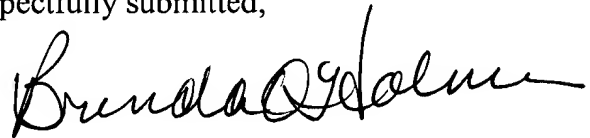
Second Response in Appln, Reply to Office Action of 01/29/2004

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CONCLUSION

The foregoing is submitted as a complete response to the Office Action identified above. This application should now be in condition for allowance, and the Applicant solicits a notice to that effect. If there are any issues that can be addressed via telephone, the Examiner is asked to contact the undersigned at 404.685.6799.

Respectfully submitted,

A handwritten signature in black ink, appearing to read "Brenda O. Holmes", with a stylized, flowing script.

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